

59639-162

6/8/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

**NOTIFICATION**

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

**JUN 08 2009**

Nora Hodge  
Valent U.S.A. Corporation  
1600 Riviera Ave., Suite 200  
Walnut Creek, CA 94596

Subject: **Notification:** Alternate Brand Name to be "Green Light Tree & Shrub with Safari Insecticide"  
Dinotefuron 2 G GL Insecticide  
EPA Reg. No. 59639-162  
Your application pin punched: May 27, 2009

Dear Ms. Hodge:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 5-27-09 for the product EPA Reg No. 59639-162. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The Confidential Statement of Formula (CSF) and/or label submitted with the application has (have) been stamped "Notification" and will be placed in our records.

If you have any questions, please call me @ 703-305-5314 or metzger.autumn@epag.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "AM", written over a large, stylized flourish.

Autumn Metzger  
Biologist  
Insecticide-Rodenticide Branch  
Office of Pesticide Programs

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number Valent U.S.A. Corporation/59639-162 <i>By</i>	2. EPA Product Manager Hebert	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Valent U.S.A. Corporation/Dino 2 G GL Insecticide	PM# Team 01	
5. Name and Address of Applicant (Include ZIP Code) Valent U.S.A. Corporation 1600 Riviera Ave., Suite 200 Walnut Creek, CA 94596-8025 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

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Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Alternate Brand Name - Green Light Tree & Shrub with Safari Insecticide

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Text No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	Other (Specify) _____
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container 1 lb/7 lb/10 lb		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Nora M. Hodge	Title Regulatory Analyst	Telephone No. (Include Area Code) 210-494-3481
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received <b>(Stamped)</b>
2. Signature <i>Nora M. Hodge</i>	3. Title Regulatory Analyst	
4. Typed Name Nora M. Hodge	5. Date 5-4-2009	

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**NOTIFICATION**

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[FRONT]

**GREEN LIGHT® TREE & SHRUB WITH SAFARI® INSECTICIDE**

[ICON] OUTDOOR USE ONLY

[FOR USE ON] RESIDENTIAL TREES, SHRUBS AND ORNAMENTAL PLANTS  
READY-TO-USE

SEASON LONG CONTROL

BROAD SPECTRUM INSECT CONTROL ON TREES AND SHRUBS

SEASON LONG CONTROL OF LISTED INSECT PESTS

PREVENTIVE CONTROL

[APPLY DURING] SPRING, SUMMER AND [EARLY] FALL

[FOR USE ON] TREES, SHRUBS AND ORNAMENTAL PLANTS

KILLS WHITEFLIES, MEALYBUGS, APHIDS, LEAFMINERS AND SCALE

FOR SYSTEMIC INSECT CONTROL IN AND AROUND TREES, SHRUBS AND  
ORNAMENTAL PLANTS

For Outdoor Home Use Only

**ACTIVE INGREDIENT:**

\*Dinotefuran N-methyl-N'-nitro-N'-[(tetrahydro-3-furanyl)methyl]guanidine ..... 2%

**OTHER INGREDIENTS** ..... 98%

Total ..... 100%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

EPA Reg. No. 59639-162

EPA Est. No. 39578-TX-01

EPA Est. No. 67545-AZ-01

**See side or back panel booklet for additional precautionary statements.**

Distributed by Green Light, a Valent U.S.A. Company, P. O. Box 17985, San Antonio,  
TX 78217-0985, [www.greenlightco.com](http://www.greenlightco.com) (210) 494-3481

**NET WT 1 LB (454gm)**

**NET WT 7 LB (3.18 kg)**

**NET WT 10 LB (4.54 kg)**

(Back or Side Panel)

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{Optional text depending on labeling for example if using a back panel booklet}

**Open Resealable Label for  
Directions & Precautions**

{PEEL HERE}  
{PRESS TO RESEAL}

<p style="text-align: center;"><b>DIRECTIONS FOR USE</b></p> <p style="text-align: center;">It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read and follow all label directions.</p>
<p><b>HOW IT WORKS</b></p> <p><i>Green Light® Tree &amp; Shrub with Safari® Insecticide</i> is a broad-spectrum insecticide that kills listed insects infesting ornamental plants, trees and shrubs growing in the landscape or in containers. <i>Green Light Tree &amp; Shrub with Safari Insecticide</i> is a systemic product and will be taken up by the root system and transported throughout the plant. <i>Green Light Tree &amp; Shrub with Safari Insecticide</i> will be transported more quickly in annual and perennial plants than in woody trees and shrubs.</p>
<p><b>PESTS CONTROLLED</b></p> <p>Adelgids, Aphids, Borers, Fungus Gnats, Lacebugs, Leafhoppers, Leaf Beetles, Leafminers, Mealybugs, Psyllids, Root Weevils, Scales, Thrips, Whiteflies, White Grubs.</p>
<p><b>WHERE TO USE</b></p> <p>Outdoors on newly planted or established ornamental plants, trees and shrubs planted in the landscape or in containers.</p>
<p><b>WHEN TO USE</b></p> <p>When insects begin to appear.</p>
<p><b>ORNAMENTAL PLANTS, SHRUBS AND TREES</b></p> <p>Ornamental Plants, Trees and Shrubs, Conifers, Evergreens, Flowering Plants, Foliage Plants, Non-Bearing Fruit Trees, Non-Bearing Nut Trees, Non-Bearing Vines,</p>
<p><b>AMOUNT TO USE</b></p> <p><b>For plants grown in the ground:</b> Apply <i>Green Light Tree &amp; Shrub with Safari Insecticide</i> evenly on soil around base of plant within 18" of the trunk.</p> <p><b>Trees:</b> 1/3 to 2/3 cup of <i>Green Light Tree &amp; Shrub with Safari Insecticide</i> per inch of diameter of trunk. For multi-stemmed trees, add the diameter for all stems together to determine the total diameter to be treated.</p> <p><b>Shrubs:</b> 1/4 to 1/3 cup of <i>Green Light Tree &amp; Shrub with Safari Insecticide</i> per foot of shrub height.</p> <p><b>For plants grown in containers:</b> See table inside booklet</p>
<p><b>HOW TO USE</b></p> <p>Evenly distribute the product on the soil surface within one and half feet of the base of the plant.</p>
<p><b>For Question, Comments or Medical Information Call: (800) 89-VALENT (898-2536)</b></p>

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**{Inside Booklet}**

**RESTRICTIONS AND LIMITATIONS**

- Do not allow runoff or puddling of irrigation water following application.
- Keep children and pets off treated areas until dusts have settled.
- Do not apply to areas that are water logged or saturated or frozen, which will not allow penetration into the root zone of the plant.

**APPLICATION INFORMATION**

- Only apply to moist soil. Do not apply to dry, saturated or frozen soil or when plants are not actively growing and taking up water from soil.
- Heavy rainfall or inadequate irrigation immediately following application may decrease performance.
- Use higher labeled rates for larger diameter trees and for broadleaf evergreens with dense foliage (example hollies).
- For plants growing in containers water containers after application with just enough water to dissolve granules.
- Pull back mulch prior to application if mulch is more than 1" thick.
- Irrigate after application with enough water to dissolve granules and move product into root zone

**Plants growing in containers:**

Treatment of Individual Containers	
Container Diameter (inches)	Teaspoons (tsp) per Container
4	1/8 to 1/4 tsp
5	1/4 to 1/3 tsp
6	1/3 to 2/3 tsp
7	2/3 to 3/4 tsp
8	3/4 to 1 tsp
For larger pots evenly distribute the product to the top of soil surface using 1/3 to 2/3 tsp for each gallon of potting media in container.	

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**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS  
CAUTION**

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

<b>FIRST AID</b>	
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p><b>HOT LINE NUMBER</b></p> <p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact <b>800-892-0099</b> for emergency medical treatment information.</p>	

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to shrimp. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in water adjacent to treated areas. Do not dispose of equipment washwaters or rinsate into a natural drain or water body. Do not contaminate water when disposing of equipment washwaters or rinsate.

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutter or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to assure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage.

This compound is toxic to honey bees. The persistence of residues and potential residual toxicity of Dinotefuran in nectar and pollen suggest the possibility of chronic risk to honey bee larvae and the eventual instability of the hive.

This product is toxic to bees exposed to treatment for more than 38 hours following treatment. Do not apply this product to blooming, pollen-shedding or nectar-producing parts of plants during this time period, unless the application is made in response to a public health emergency declared by appropriate state and federal authorities.

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Dinotefuran and its degradate, MNG have the properties and characteristics associated with chemicals detected in ground water. The high water solubility of dinotefuran, and its degradate, MNG, coupled with its very high mobility, and resistance to biodegradation indicates that this compound has a strong potential to leach to the subsurface under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination. Periodic monitoring of shallow groundwater in the use area is recommended.

#### **STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**Pesticide Storage:** Store in original container in a cool dry place, out of reach of children and pets, preferably a locked storage cabinet. **Disposal:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available.

**If Partly Filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

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**DISCLAIMER, RISKS OF USING THIS PRODUCT  
LIMITED WARRANTY  
AND LIMITATION OF LIABILITY**

**IMPORTANT: Read the entire Label including this Disclaimer, Risks of Using this Product, Limited Warranty and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT. Rather, return the unopened product within 15 days of purchase for a refund of the purchase price.**

**RISKS OF USING THIS PRODUCT**

The Buyer and User (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. These risks include, but are not limited to, injury to plants to which this product is applied, lack of control of the target pests or weeds, resistance of the target pest or weeds to this product, and injury caused by drift. Such risks of non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of Valent. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED. By applying this product Buyer acknowledges and accepts these inherent unintended risks AND TO THE FULLEST EXTENT ALLOWED BY LAW, AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

Valent shall not be responsible for losses or damages resulting from use of this product in any manner not set forth on the label. Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

**LIMITED WARRANTY**

Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label and subject to the Risks of Using This Product as described above. To the extent consistent with applicable law AND AS SET FORTH ABOVE, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED. No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

**LIMITATION OF LIABILITY**

To the fullest extent allowed by law, Valent or Seller is not liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitation includes, but is not limited to, increased care, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. TO THE FULLEST EXTENT ALLOWED BY LAW, THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THE PRODUCT.

**PROMPT NOTICE OF CLAIM**

Valent must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from the date of application, so that an immediate inspection of the affected property can be made.

If Buyer does not notify Valent of any claims in such period, it shall be barred from obtaining any remedy.

**NO AMENDMENTS**

Valent and Seller offer this product, and Buyer accepts it, subject to the foregoing Disclaimer, Risks of Using This Product, Limited Warranty and Limitation of Liability.

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INSECTICIDE.ABN.doc